

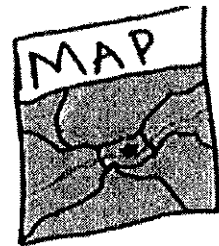


Understand and solve unit rate problems by using an equation to find the unit rate. Practice Set B

Name:

Date:

1. The distance between two cities is 216 kilometers. It takes Mr. Rogers 4 hours to travel this distance on his motorcycle. Solve for the average speed per hour.



2. Karen walks home from school at a speed of 5 kilometers per hour. She takes 12 minutes to reach her school. What is the distance between her home and the school?



Compare speeds using unit rates, Practice Set C

Name:

Date:

- 3 ~~4~~) Ryoko, Sakina and Amine are each assigned to sell cookies at different recesses during the school day. Ryoko sells 20 cookies at the 15-minute morning break. Sakina sells 15 cookies at the 20-minute lunch recess, and Amine sells 25 cookies for 30 minutes after school. Who sells the most cookies per minute? Show how you got your answer through a diagram, model, or written explanation.
- 4 ~~2~~) Sakina says, "Ryoko, we sold the same number of cookies per minute!" Explain to Sakina the mistake she made in this calculation, and show her what she had to do instead.
- 5 ~~3~~) Amine believes that he sold the most cookies per minute because he sold cookies for the longest period of time. Explain to Amine why his thinking is incorrect.